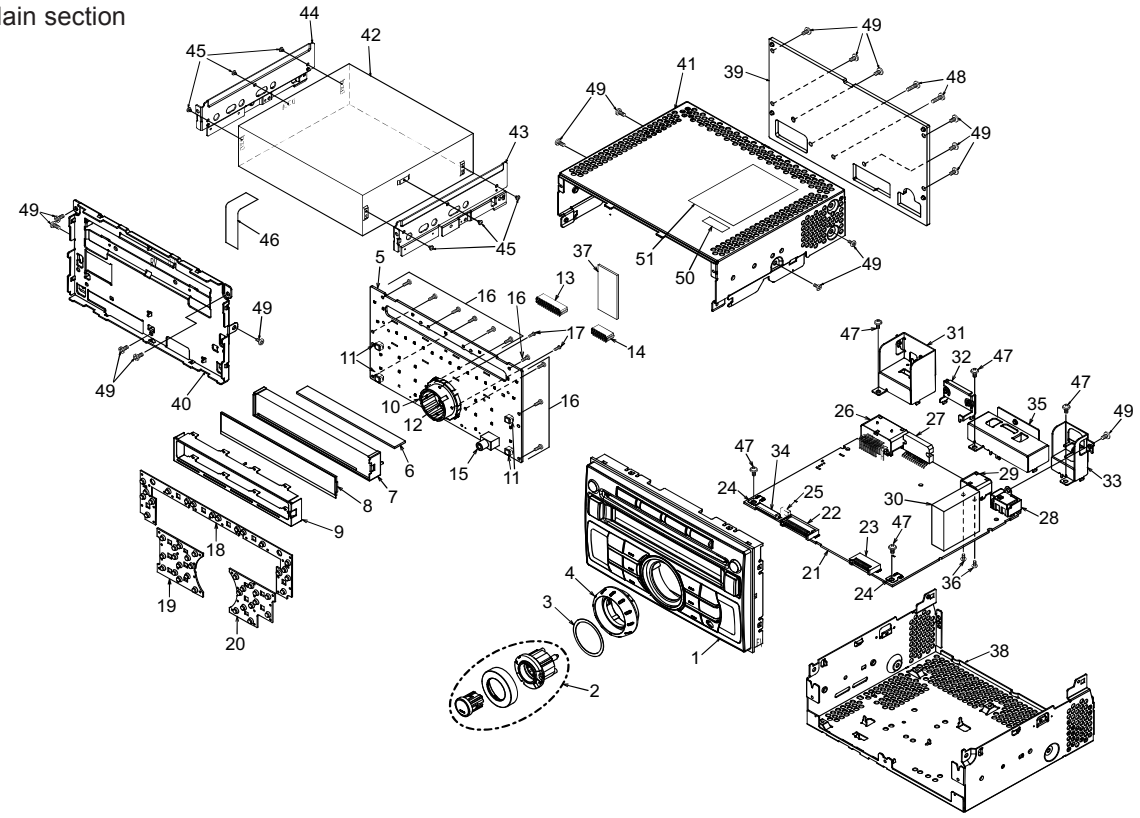
EXPLODED VIEW/PARTS LIST

Main section

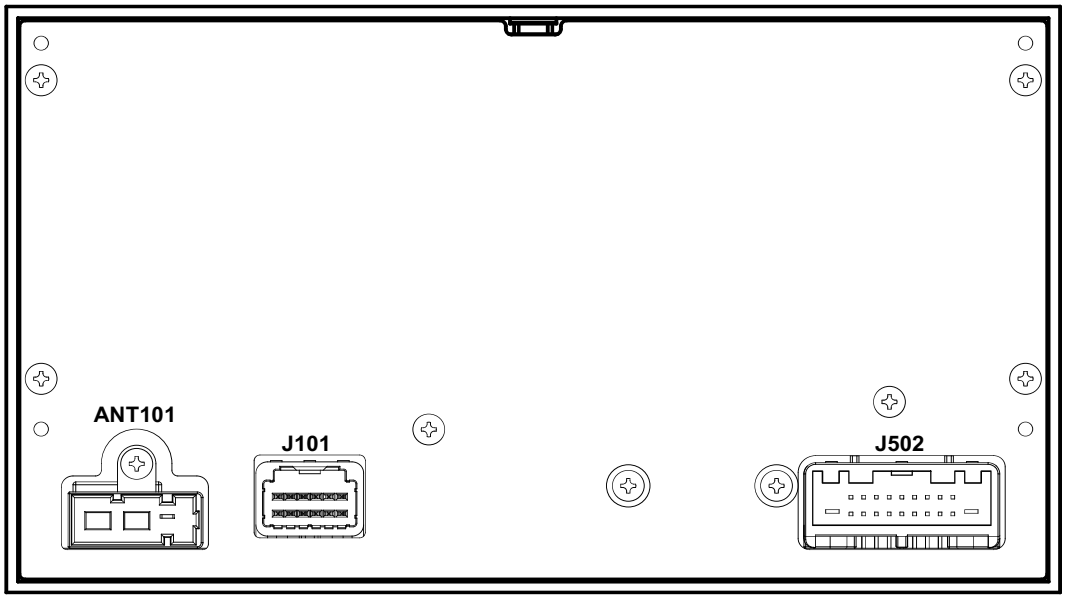


NO.	PART NO.	DESCRIPTION	Q'TY
1	940-8225-00 940-8225-20 940-8225-10	ES-ASSY (PP3136MA) ES-ASSY (PP3136TA) ES-ASSY (PN3136MA)	1
2	947-0591-00	KNOB ASSY	1
3	347-7959-00	SHADE	1
4	380-5655-00	KNOB	1
5	----------	Switch PWB	1
6	345-6311-01	RUBBER CONNECT	1
7	335-8365-00	LCD-HOLDER	1
8	379-1419-50 379-1419-52	INDICATOR(PP3136MA/TA) INDICATOR(PN3136MA)	1
9	331-4675-01	LCD COVER	1
10	016-7004-00	ROTARY SWITCH	1
11	013-6202-52	TACT SWITCH	4
12	013-6201-53	SWITCH	1
13	074-3033-26	SOCKET (26P)	1
14	074-3033-16	SOCKET (16P)	1
15	075-0395-01	JACK	1
16	716-0778-52	WAVE SCREW (2x6)	10
17	716-0872-51	PAD SCREW (M1.7x5)	2
18	345-6310-00	RUBBER SW (CENTER)	1
19	345-6308-00	RUBBER SW (LH)	1
20	345-6309-00	RUBBER SW (RH)	1
21	----------	Main PWB	1
22	076-3011-76	PLUG (26P)	1
23	076-3011-66	PLUG (16P)	1
24	073-0762-90	TERMINAL	2
25	076-6000-59	PLUG (9P)	1
26	074-4009-20	SOCKET (20P)	1

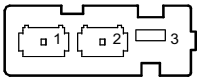
NO.	PART NO.	DESCRIPTION	Q'TY
27	051-2064-00	IC (TB2926HQ)	1
28	092-2210-01	ANT-RECEPT	1
29	074-1302-12	SOCKET (12P)	1
30	880-2091M	AM/FM TUNER	1
31	331-4679-00	SOCKET HOLDER	1
32	331-4678-00	IC-HOLDER	1
33	331-4676-00	ANT-HOLDER	1
34	074-1237-69	SOKET (19P)	1
35	331-4677-00	SHIELD CASE	1
36	778-3006-00	TAP-SCREW (M3x6)	2
37	345-8090-00	CUSHION RUBBER	1
38	311-1969-00	LOWER CASE	1
39	313-2052-70	HEAT SINK	1
40	309-1885-10	ES-PLATE (6CD)	1
41	310-1889-10	UPPER CASE	1
42	929-0410-80	CD-MECH-MODULE	1
43	331-4092-10	6CD BRKT(R)	1
44	331-4091-10	6CD BRKT(L)	1
45	716-3552-00	MACHINE SCREW (2.3x2.5)	6
46	816-4024-50	FLAT WIRE	1
47	716-0878-50	IT SCREW (M2.6x5)	5
48	735-2614-1B	D-SEMS SCREW(M2.6x14)	2
49	714-2606-8B	MACHINE SCREW (M2.6x6)	16
50	290-0581-00	LABEL(PP3136TA/PN3136MA)	1
51	276-0533-04 276-0533-10 276-0533-05	SETPLATE (PP3136MA) SETPLATE (PP3136TA) SETPLATE (PN3136MA)	1

CONNECTION

Rear view of unit

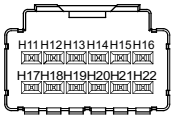


ANT101
ANT Connector(GT13)



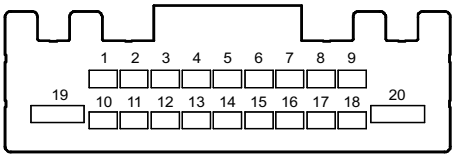
	PP-3136M-A/T-A	PN-3136M-A
1	N.C.	←
2	ANT-SIG	←
3	ANT +B	N.C.

J101
Mic Connector
(TH12HW)



	PP-3136M-A PN-3136M-A	PP-3136T-A
H11	N.C.	←
H12	N.C.	GND
H13	N.C.	←
H14	EQ1	←
H15	EQ2	←
H16	EQ3	←
H17	MIC-SIG	←
H18	MIC-GND	←
H19	MIC-VCC	←
H20	N.C.	←
H21	N.C.	←
H22	EQ4	←

J502
Main Connector
(TH18HW-CS2)



	PP-3136M-A/T-A	PN-3136M-A
1	N.C.	←
2	FR SP Lch(+)	←
3	FR SP Lch(-)	←
4	RR SP Lch(+)	←
5	RR SP Lch(-)	←
6	STRG SW A	←
7	ACC	←
8	N.C.	←
9	ILLUMI(+)	←
10	N.C.	←
11	FR SP Rch(+)	←
12	FR SP Rch(-)	←
13	RR SP Rch(+)	←
14	RR SP Rch(-)	←
15	STRG SW GND	←
16	STRG SW B	←
17	N.C	IMB
18	SPEED SIG	←
19	BACK UP	←
20	GND	←

ELECTRICAL PARTS LIST

Main PWB(B1) section

REF No.	PART No.	DESCRIPTION
ANT101	092-2210-01	ANT-RECEPT
BL101	880-2091M	TUNER PACK
C101	168-2222-55	2200pF K
		(PN3136MA No use)
C104	166-6801-50	68pF CH
		(PP3136MA
		PN3136MA)
C104	119-0000-05	1/10W 0 ohm JW
		(PP3136TA)
C108	119-0000-05	1/10W 0 ohm JW
		(PP3136MA
		PN3136MA)
C108	166-1511-50	150pF CH
		(PP3136TA)
C113	166-2201-50	22pF CH
C117	168-1042-78	16V 0.1uF K
C118	168-1022-55	1000pF K
C119	168-3342-58	0.33uF K
C120	163-4763-15	6.3V 47uF
C121	163-1073-35	16V 100uF
C122	168-1052-78	16V 1uF K
C123	168-1052-78	16V 1uF K
C124	168-2222-55	2200pF K
C125	168-5612-55	560pF Z
C126	168-1052-78	16V 1uF K
C127	168-1022-55	1000pF K
C128	168-2242-58	0.22uF K
C129	168-1022-55	1000pF K
C130	168-3922-55	3900pF K
C131	168-3922-55	3900pF K
C132	168-1022-55	1000pF K
C133	168-1042-78	16V 0.1uF K
C134	168-1042-78	16V 0.1uF K
C135	168-1022-55	1000pF K
C136	163-1073-35	16V 100uF
C137	168-1052-78	16V 1uF K
C138	168-1052-78	16V 1uF K
C139	168-1042-78	16V 0.1uF K
C140	166-2201-50	22pF CH
C141	166-2201-50	22pF CH
C142	166-2201-50	22pF CH
C143	166-2201-50	22pF CH
C144	168-1052-78	16V 1uF K
C152	163-1063-35	16V 10uF
C154	163-1063-35	16V 10uF
		(PN3136MA No use)
C156	168-1022-55	1000pF K
C157	168-1022-55	1000pF K
C201	163-1073-35	16V 100uF
C203	168-1042-78	16V 0.1uF K
C204	163-3363-25	10V 33uF
C223	168-1052-78	16V 1uF K
C225	168-1042-78	16V 0.1uF K
C226	042-4000-90	16V 470uF
C228	168-3342-58	0.33uF K
C229	042-4000-90	16V 470uF
C234	168-1052-78	16V 1uF K
C237	168-2242-58	0.22uF K
C238	163-1063-35	16V 10uF
C301	163-4753-65	50V 4.7uF
C302	168-1042-78	16V 0.1uF K
C303	166-1811-50	180pF CH
C304	168-1042-78	16V 0.1uF K
C305	168-1042-78	16V 0.1uF K
C306	166-8097-50	8pF +/-0.5pF CH
C307	166-8097-50	8pF +/-0.5pF CH
C308	168-1022-55	1000pF K
C309	163-4753-65	50V 4.7uF
C310	168-1042-78	16V 0.1uF K
C311	163-4753-65	50V 4.7uF
C312	168-1042-78	16V 0.1uF K
C313	168-1022-55	1000pF K
C314	168-1022-55	1000pF K
C315	166-1011-50	100pF CH
C316	168-1042-78	16V 0.1uF K
C317	168-5622-55	5600pF K
C318	168-5622-55	5600pF K
C319	166-1011-50	100pF CH
C320	166-1011-50	100pF CH
C322	168-1022-55	1000pF K
C323	168-1022-55	1000pF K
C324	163-2273-05	4V 220uF
C325	168-2222-55	2200pF K
C326	166-4711-50	470pF CH
C327	163-2263-35	16V 22uF
C328	163-4763-15	6.3V 47uF
C330	166-1011-50	100pF CH
C331	168-1042-78	16V 0.1uF K
C332	166-1011-50	100pF CH
C333	168-1022-55	1000pF K
C334	168-1022-55	1000pF K
C335	163-1063-35	16V 10uF
C336	168-1052-78	16V 1uF K
C337	168-3332-78	0.033uF K
C338	168-1022-55	1000pF K
C340	168-1022-55	1000pF K
C341	166-1011-50	100pF CH
C342	168-1022-55	1000pF K
C343	168-4712-55	470pF K
C344	168-1042-78	16V 0.1uF K
C345	168-1022-55	1000pF K
C347	168-3322-55	3300pF K
C348	168-3322-55	3300pF K
C349	168-3322-55	3300pF K
C350	168-3322-55	3300pF K
C351	168-3322-55	3300pF K
C352	168-3322-55	3300pF K
C354	043-0554-90	25V 10uF
C355	042-1736-90	16V 470uF M
C356	168-4722-55	4700pF K
C357	163-1073-15	6.3V 100uF
C358	168-2222-55	2200pF K
C359	043-0570-90	16V 2.2uF K
C360	043-0570-90	16V 2.2uF K
C361	166-2201-50	22pF CH
C362	168-2222-55	2200pF K
C363	166-2201-50	22pF CH
C364	166-2201-50	22pF CH
C365	168-2222-55	2200pF K
C366	166-2201-50	22pF CH
C367	168-2222-55	2200pF K
C368	166-2201-50	22pF CH
C369	166-2201-50	22pF CH
C370	043-0570-90	16V 2.2uF K
C371	043-0570-90	16V 2.2uF K
C372	043-0570-90	16V 2.2uF K
C373	043-0570-90	16V 2.2uF K
C401	168-1042-78	16V 0.1uF K
C402	168-1042-78	16V 0.1uF K
C408	166-1801-50	18pF CH
C409	168-1042-78	16V 0.1uF K
C410	163-4763-15	6.3V 47uF
C411	168-1042-78	16V 0.1uF K
C412	168-1032-55	0.01uF K
C414	168-1022-55	1000pF K
C415	168-1022-55	1000pF K
C416	168-1022-55	1000pF K
C417	168-1022-55	1000pF K
C418	168-1022-55	1000pF K
C501	168-1042-78	16V 0.1uF K
C502	168-1042-78	16V 0.1uF K
C503	168-1042-78	16V 0.1uF K
C504	168-1042-78	16V 0.1uF K
C505	168-3342-58	0.33uF K
C506	166-5611-50	560pF CH
C507	166-5611-50	560pF CH
C508	043-0554-90	25V 10uF
C509	166-5611-50	560pF CH
C510	166-5611-50	560pF CH
C511	166-2201-50	22pF CH
C512	166-2201-50	22pF CH
C513	166-2201-50	22pF CH
C514	166-2201-50	22pF CH
C515	168-1052-78	16V 1uF K
C516	163-1073-35	16V 100uF
C518	166-5611-50	560pF CH
C519	166-5611-50	560pF CH
C520	168-3342-58	0.33uF K
C521	166-5611-50	560pF CH
C522	166-5611-50	560pF CH
C523	168-1042-78	16V 0.1uF K
C524	168-2242-58	0.22uF K
C525	043-0552-90	6.3V 47uF M
C526	043-0566-90	50V 2.2uF K
C527	043-0604-90	25V 10uF B
C529	168-4742-78	0.47uF K
C530	168-1042-38	50V 0.1uF K
C531	163-1073-35	16V 100uF
C532	168-1542-58	0.15uF K
C533	168-1542-58	0.15uF K
C534	168-1542-58	0.15uF K
C535	168-1542-58	0.15uF K
C536	168-1042-78	16V 0.1uF K
C537	168-1052-78	16V 1uF K
C540	042-1760-90	16V 10uF M
C541	178-2742-78	0.27uF
C542	168-1052-78	16V 1uF K
C543	163-4763-35	16V 47uF
C544	163-2273-25	10V 220uF
C545	168-2212-55	220pF K
C546	166-2201-50	22pF CH
C548	163-4763-35	16V 47uF
C549	042-1465-00	16V 3300uF
C550	172-1041-15	0.1uF
C551	163-4763-35	16V 47uF
C552	163-4763-35	16V 47uF
C554	168-6822-55	6800pF K
C555	168-6822-55	6800pF K
C556	168-6822-55	6800pF K
C557	168-6822-55	6800pF K
C558	168-6822-55	6800pF K
C559	168-6822-55	6800pF K
C560	168-6822-55	6800pF K
C561	168-6822-55	6800pF K
C562	168-6822-55	6800pF K
C563	043-0574-90	25V 1.0uF
C564	168-1042-78	16V 0.1uF K
C565	163-1063-35	16V 10uF
C566	168-2232-55	0.022uF K
C568	168-1522-55	1500pF K
C569	166-2201-50	22pF CH
C570	178-2242-38	0.22uF B
C571	168-1542-58	0.15uF K
C572	168-1542-58	0.15uF K
C573	168-1542-58	0.15uF K
C574	168-1542-58	0.15uF K
C575	042-4000-90	16V 470uF
C590	168-1522-55	1500pF K
CCT402	050-0140-54	1/32W 1k ohm x4J
CCT403	050-0145-52	1/16W 1k ohm x4
CCT404	050-0145-52	1/16W 1k ohm x4
D104	001-0580-90	1SS352
D106	001-0529-48	MA8091-H

REF No.	PART No.	DESCRIPTION
D107	001-0580-90	1SS352
		(PN3136MA No use)
D108	001-9210-50	AVR-M1608C270MTAAD
D109	001-4320-50	EDZC6.8B
D110	001-4320-50	EDZC6.8B
D111	001-4320-50	EDZC6.8B
D112	001-4320-50	EDZC6.8B
D113	001-4320-50	EDZC6.8B
D209	001-2412-90	RR264M-400
D210	001-4313-54	HZU9C2L TRF-E
D401	001-2630-90	1SS420-TPL3,F
D501	001-2640-90	D1FJ4
D502	001-0529-48	MA8091-H
D504	001-0529-48	MA8091-H
D506	001-2015-00	RL253
D507	001-0580-90	1SS352
D508	001-0580-90	1SS352
D509	001-0580-90	1SS352
D510	001-0529-48	MA8091-H
D511	001-4320-50	EDZC6.8B
D512	001-0580-90	1SS352
D513	001-4320-50	EDZC6.8B
D514	001-4320-50	EDZC6.8B
D515	001-0529-34	MA8062-L
D516	001-0580-90	1SS352
D517	001-0529-47	MA8091-M
D520	001-2412-90	RR264M-400
D521	001-2412-90	RR264M-400
D523	001-4320-50	EDZC6.8B
		(PP3136TA No use)
IC101	051-6524-90	AK2301A-E1
IC102	051-7255-08	SN74AHC1G66 HDCKR
IC103	051-3034-90	NJM4558V
IC201	051-3516-90	S-1132B33-U5T1G
IC205	051-3553-90	NJM2865F3-05
IC301	----------	SAF7730HV/N332
IC302	051-3020-90	NJM4565V
IC401	051-9430-90	S-24CS64A01-T8T1G
IC402	051-9430-90	S-24CS64A01-T8T1G
IC403	----------	M30879FKBGP VIRGIN TYP
IC405	051-5417-08	S-80927CNMC-B8M
IC501	051-3518-90	NJM2846DL3-33-TE1
IC502	051-3019-90	NJM2060V
IC503	051-3551-90	NJM2878F3-33-TE1
IC504	051-3396-90	NJM2386ADL3-33-TE1
IC505	----------	LT3481EMSE#TRPBF
IC506	051-2064-00	TB2926HQ
IC507	051-3034-90	NJM4558V
IC508	051-5441-08	BD4828G-TR
J101	074-1302-12	12P
J205	074-1237-69	19P
J502	074-4009-20	20P
L101	010-3104-54	600 ohm/100MHz
L104	010-2198-50	0.15uH
		(PP3136TA No use)
L105	010-2003-04	30uH
L107	010-3104-54	600 ohm/100MHz
L301	010-3104-54	600 ohm/100MHz
L302	010-3104-54	600 ohm/100MHz
L303	010-3104-54	600 ohm/100MHz
L304	010-3104-54	600 ohm/100MHz
L305	010-3104-54	600 ohm/100MHz
L306	010-3104-54	600 ohm/100MHz
L307	010-3104-54	600 ohm/100MHz
L308	010-3104-54	600 ohm/100MHz
L309	010-3104-54	600 ohm/100MHz
L310	010-3104-54	600 ohm/100MHz

REF No.	PART No.	DESCRIPTION
L311	010-3104-54	600 ohm/100MHz
L312	010-3104-54	600 ohm/100MHz
L313	010-3104-54	600 ohm/100MHz
L402	010-3406-54	2.2uH J
L501	010-3104-54	600 ohm/100MHz
L502	010-3414-92	2.2uH
L503	010-8050-00	CHOKE
L525	010-3104-53	220 ohm/100MHz
P101	076-3011-66	16P
P402	076-3011-76	26P
P403	076-6000-59	9P
Q105	198-3018-00	2SK3018
Q106	198-3018-00	2SK3018
Q107	192-5886-00	2SC5886
Q108	125-2027-90	DTC143EU
		(PN3136MA No use)
Q109	190-2060-00	2SA2060
		(PN3136MA No use)
Q209	125-9015-92	RN4902
Q214	193-1259-50	2SD1259DS R,Q
Q301	125-7007-90	Si5441BDC-TI-E3
Q302	125-2027-91	DTC114EUA
Q403	125-2027-91	DTC114EUA
		(PP3136TA No use)
Q404	125-0021-91	DTA114EUA
		(PP3136TA No use)
Q405	191-0709-00	2SB709A Q,R,S
		(PP3136TA No use)
Q406	192-2712-00	2SC2712
		(PP3136TA No use)
Q407	125-2027-91	DTC114EUA
Q408	198-3018-00	2SK3018
Q409	125-2027-91	DTC114EUA
Q410	198-3018-00	2SK3018
Q411	125-2027-91	DTC114EUA
Q502	125-2027-91	DTC114EUA
Q503	191-1197-50	2SB1197K Q,R
Q504	125-2027-91	DTC114EUA
Q505	191-1197-50	2SB1197K Q,R
Q506	192-5886-00	2SC5886
Q511	192-5810-00	2SC5810 TE12L
Q512	125-2027-91	DTC114EUA
Q513	191-1197-50	2SB1197K Q,R
Q514	192-4116-51	2SC4116 G,L
Q515	191-1204-61	2SB1204 R,S,T
Q516	125-2027-91	DTC114EUA
Q517	191-1197-50	2SB1197K Q,R
Q518	192-4081-00	2SC4081
Q519	192-4116-00	2SC4116
Q520	125-2027-91	DTC114EUA
Q521	192-4116-51	2SC4116 G,L
R101	119-1031-15	1/10W 10k ohm
R102	119-1031-15	1/10W 10k ohm
R104	119-1031-15	1/10W 10k ohm
R106	119-4731-15	1/10W 47k ohm
R107	119-1031-15	1/10W 10k ohm
R108	119-1031-15	1/10W 10k ohm
R109	119-0000-05	1/10W 0 ohm JW
R110	119-1031-15	1/10W 10k ohm
R124	119-2741-15	1/10W 270k ohm
R125	119-0000-05	1/10W 0 ohm JW
R134	119-3331-15	1/10W 33k ohm
R135	119-1011-15	1/10W 100 ohm
R136	119-3931-15	1/10W 39k ohm
R137	119-3931-15	1/10W 39k ohm
R138	119-1031-15	1/10W 10k ohm
R139	119-1031-15	1/10W 10k ohm
R140	119-1531-15	1/10W 15k ohm
R141	119-1011-15	1/10W 100 ohm
R142	119-3931-15	1/10W 39k ohm
R143	119-1011-15	1/10W 100 ohm
R144	119-4731-15	1/10W 47k ohm
R145	119-4731-15	1/10W 47k ohm
R146	116-6891-15	1/4W 6.8 ohm

REF No.	PART No.	DESCRIPTION
R147	119-0000-05	1/10W 0 ohm JW
R148	119-0000-05	1/10W 0 ohm JW
R149	119-2231-15	1/10W 22k ohm
R150	119-3321-15	1/10W 3.3k ohm
R151	119-6821-15	1/10W 6.8k ohm
R152	119-3931-15	1/10W 39k ohm
R153	119-1021-15	1/10W 1k ohm
R154	119-3321-15	1/10W 3.3k ohm
R155	119-3321-15	1/10W 3.3k ohm
R156	119-2231-15	1/10W 22k ohm
R157	119-2231-15	1/10W 22k ohm
R158	119-1001-15	1/10W 10 ohm
R159	119-1001-15	1/10W 10 ohm
R160	119-1031-15	1/10W 10k ohm
R161	119-0000-05	1/10W 0 ohm JW
R162	119-3321-15	1/10W 3.3k ohm
R163	119-1041-15	1/10W 100k ohm
R164	119-2231-15	1/10W 22k ohm
R165	119-1041-15	1/10W 100k ohm
R166	119-0000-05	1/10W 0 ohm JW
R170	116-1091-15	1/4W 1 ohm
		(PN3136MA No use)
R173	116-1221-15	1/4W 1.2k ohm
		(PN3136MA No use)
R174	116-3911-15	1/4W 390 ohm
R176	119-1031-15	1/10W 10k ohm
		(PN3136MA No use)
R180	119-0000-05	1/10W 0 ohm JW
		(PN3136MA No use)
R185	119-0000-05	1/10W 0 ohm JW
R187	119-0000-05	1/10W 0 ohm JW
R212	119-4731-15	1/10W 47k ohm
R213	119-1041-15	1/10W 100k ohm
R214	119-4721-15	1/10W 4.7k ohm
R215	119-4721-15	1/10W 4.7k ohm
R241	119-4731-15	1/10W 47k ohm
R242	116-2201-15	1/4W 22 ohm
R247	116-3911-15	1/4W 390 ohm
R248	116-3911-15	1/4W 390 ohm
R249	119-1041-15	1/10W 100k ohm
R259	119-1021-15	1/10W 1k ohm
R260	119-1021-15	1/10W 1k ohm
R261	119-1021-15	1/10W 1k ohm
		(PN3136MA Only)
R262	119-0000-05	1/10W 0 ohm JW
R263	119-0000-05	1/10W 0 ohm JW
R264	119-0000-05	1/10W 0 ohm JW
R265	119-0000-05	1/10W 0 ohm JW
R266	119-0000-05	1/10W 0 ohm JW
R267	119-0000-05	1/10W 0 ohm JW
R268	119-0000-05	1/10W 0 ohm JW
R301	119-1031-15	1/10W 10k ohm
R302	119-1031-15	1/10W 10k ohm
R303	119-2201-15	1/10W 22 ohm
R308	119-1031-15	1/10W 10k ohm
R309	119-1011-15	1/10W 100 ohm
R310	119-1021-15	1/10W 1k ohm
R311	119-1031-15	1/10W 10k ohm
R312	119-3921-15	1/10W 3.9k ohm
R313	119-1031-15	1/10W 10k ohm
R314	119-3921-15	1/10W 3.9k ohm
R315	119-1031-15	1/10W 10k ohm
R316	119-0000-05	1/10W 0 ohm JW
R317	119-1031-15	1/10W 10k ohm
R318	119-1041-15	1/10W 100k ohm
R319	119-1041-15	1/10W 100k ohm
R320	119-1001-15	1/10W 10 ohm
R321	119-3921-15	1/10W 3.9k ohm
R322	119-0000-05	1/10W 0 ohm JW
R323	119-1021-15	1/10W 1k ohm
R324	119-3921-15	1/10W 3.9k ohm
R325	119-0000-05	1/10W 0 ohm JW
R327	119-1031-15	1/10W 10k ohm
R329	119-1031-15	1/10W 10k ohm

REF No.	PART No.	DESCRIPTION
R331	119-1031-15	1/10W 10k ohm
R332	119-1031-15	1/10W 10k ohm
R333	032-0140-50	1/10W 10k ohm F
R334	032-0140-50	1/10W 10k ohm F
R335	119-1031-15	1/10W 10k ohm
R336	119-1031-15	1/10W 10k ohm
R337	119-1031-15	1/10W 10k ohm
R338	119-1031-15	1/10W 10k ohm
R339	119-1011-15	1/10W 100 ohm
R340	119-1011-15	1/10W 100 ohm
R341	119-0000-05	1/10W 0 ohm JW
R342	119-0000-05	1/10W 0 ohm JW
R343	119-0000-05	1/10W 0 ohm JW
R347	119-1031-15	1/10W 10k ohm
R348	119-0000-05	1/10W 0 ohm JW
R349	119-4731-15	1/10W 47k ohm
R350	119-0000-05	1/10W 0 ohm JW
R351	119-1021-15	1/10W 1k ohm
R352	119-1021-15	1/10W 1k ohm
R353	119-1021-15	1/10W 1k ohm
R354	119-1021-15	1/10W 1k ohm
R356	119-1001-15	1/10W 10 ohm
R357	032-0140-15	1/10W 6.8k ohm F
R358	032-0140-15	1/10W 6.8k ohm F
R360	032-0140-15	1/10W 6.8k ohm F
R361	032-0140-15	1/10W 6.8k ohm F
R362	032-0140-50	1/10W 10k ohm F
R363	032-0140-50	1/10W 10k ohm F
R364	032-0140-50	1/10W 10k ohm F
R365	032-0140-50	1/10W 10k ohm F
R366	119-1031-15	1/10W 10k ohm
R367	119-1031-15	1/10W 10k ohm
R368	119-0000-05	1/10W 0 ohm JW
R369	119-0000-05	1/10W 0 ohm JW
R370	119-0000-05	1/10W 0 ohm JW
R401	119-1021-15	1/10W 1k ohm
R402	119-1021-15	1/10W 1k ohm
R403	119-1021-15	1/10W 1k ohm
R404	119-0000-05	1/10W 0 ohm JW
R405	119-1021-15	1/10W 1k ohm
R406	119-1021-15	1/10W 1k ohm
R407	119-1021-15	1/10W 1k ohm
R408	119-1021-15	1/10W 1k ohm
R409	119-0000-05	1/10W 0 ohm JW
R410	119-4731-15	1/10W 47k ohm
R411	119-4721-15	1/10W 4.7k ohm
R412	119-4721-15	1/10W 4.7k ohm
R413	119-3311-15	1/10W 330 ohm
R414	119-3311-15	1/10W 330 ohm
R415	119-4731-15	1/10W 47k ohm
R416	119-4731-15	1/10W 47k ohm
R417	119-4731-15	1/10W 47k ohm
R418	119-4711-15	1/10W 470 ohm
R419	119-4711-15	1/10W 470 ohm
R420	119-4711-15	1/10W 470 ohm
R421	119-4711-15	1/10W 470 ohm
R423	119-1011-15	1/10W 100 ohm
R424	119-1011-15	1/10W 100 ohm
R426	119-1031-15	1/10W 10k ohm
R427	119-1031-15	1/10W 10k ohm
R428	119-1031-15	1/10W 10k ohm
R429	119-1031-15	1/10W 10k ohm
R430	119-1011-15	1/10W 100 ohm
R431	119-1011-15	1/10W 100 ohm (PP3136TA No use)
R432	119-1011-15	1/10W 100 ohm
R433	119-1011-15	1/10W 100 ohm
R434	119-1031-15	1/10W 10k ohm

REF No.	PART No.	DESCRIPTION
R435	119-1031-15	1/10W 10k ohm
R437	119-4731-15	1/10W 47k ohm
R439	119-4731-15	1/10W 47k ohm
R440	119-4731-15	1/10W 47k ohm
R442	119-4721-15	1/10W 4.7k ohm
R444	119-1021-15	1/10W 1k ohm
R445	119-4731-15	1/10W 47k ohm
R446	119-4731-15	1/10W 47k ohm
R447	119-1031-15	1/10W 10k ohm
R448	119-0000-05	1/10W 0 ohm JW
R449	119-4731-15	1/10W 47k ohm
R450	119-0000-05	1/10W 0 ohm JW
R452	119-4731-15	1/10W 47k ohm
R453	119-1031-15	1/10W 10k ohm
R454	119-4731-15	1/10W 47k ohm
R456	119-1021-15	1/10W 1k ohm
R458	119-1021-15	1/10W 1k ohm
R459	119-4731-15	1/10W 47k ohm
R460	119-4731-15	1/10W 47k ohm
R463	119-4731-15	1/10W 47k ohm
R466	119-4731-15	1/10W 47k ohm
R469	119-1011-15	1/10W 100 ohm
R471	119-1021-15	1/10W 1k ohm
R472	119-1011-15	1/10W 100 ohm
R474	119-4731-15	1/10W 47k ohm
R475	119-1011-15	1/10W 100 ohm
R476	119-1011-15	1/10W 100 ohm
R477	119-4721-15	1/10W 4.7k ohm
R478	119-4721-15	1/10W 4.7k ohm
R479	119-1031-15	1/10W 10k ohm (PP3136TA No use)
R480	119-4731-15	1/10W 47k ohm (PP3136TA No use)
R481	119-2231-15	1/10W 22k ohm
R482	119-4731-15	1/10W 47k ohm
R483	119-1031-15	1/10W 10k ohm (PP3136TA No use)
R488	119-1241-15	1/10W 120k ohm (PP3136TA No use)
R489	119-3331-15	1/10W 33k ohm (PP3136TA No use)
R490	119-6801-15	1/10W 68 ohm (PP3136TA No use)
R491	119-2241-15	1/10W 220k ohm (PP3136TA No use)
R492	119-4731-15	1/10W 47k ohm
R493	119-4721-15	1/10W 4.7k ohm
R494	119-4721-15	1/10W 4.7k ohm
R495	119-4731-15	1/10W 47k ohm
R496	119-4721-15	1/10W 4.7k ohm
R497	119-4721-15	1/10W 4.7k ohm
R498	119-1041-15	1/10W 100k ohm
R499	119-1041-15	1/10W 100k ohm
R502	119-1031-15	1/10W 10k ohm
R503	119-1031-15	1/10W 10k ohm
R504	119-1031-15	1/10W 10k ohm
R505	119-1031-15	1/10W 10k ohm
R507	119-1031-15	1/10W 10k ohm
R508	119-1031-15	1/10W 10k ohm
R509	119-1031-15	1/10W 10k ohm
R510	119-1031-15	1/10W 10k ohm
R511	119-1031-15	1/10W 10k ohm
R512	119-1031-15	1/10W 10k ohm
R514	119-1051-15	1/10W 1M ohm
R515	119-1051-15	1/10W 1M ohm
R516	119-1051-15	1/10W 1M ohm
R517	119-1051-15	1/10W 1M ohm
R518	119-1031-15	1/10W 10k ohm

REF No.	PART No.	DESCRIPTION
R519	119-1031-15	1/10W 10k ohm
R520	119-1031-15	1/10W 10k ohm
R521	119-1031-15	1/10W 10k ohm
R522	119-1031-15	1/10W 10k ohm
R523	119-1031-15	1/10W 10k ohm
R524	119-4731-15	1/10W 47k ohm
R526	119-1031-15	1/10W 10k ohm
R527	032-0148-63	1/10W 130k ohm D
R528	032-0148-64	1/10W 390k ohm D
R529	119-1031-15	1/10W 10k ohm
R530	119-1031-15	1/10W 10k ohm
R532	119-1031-15	1/10W 10k ohm
R533	119-1841-15	1/10W 180k ohm
R534	119-1031-15	1/10W 10k ohm
R535	116-6811-15	1/4W 680 ohm
R536	119-1031-15	1/10W 10k ohm
R537	032-0140-51	1/10W 15k ohm F
R538	119-1021-15	1/10W 1k ohm
R547	119-4721-15	1/10W 4.7k ohm
R548	119-4721-15	1/10W 4.7k ohm
R549	119-3331-15	1/10W 33k ohm
R555	116-3911-15	1/4W 390 ohm
R556	119-1521-15	1/10W 1.5k ohm
R557	116-1221-15	1/4W 1.2k ohm
R558	119-1031-15	1/10W 10k ohm
R559	116-1221-15	1/4W 1.2k ohm
R560	119-1031-15	1/10W 10k ohm
R561	116-1221-15	1/4W 1.2k ohm
R562	116-1221-15	1/4W 1.2k ohm
R563	119-1031-15	1/10W 10k ohm
R564	119-4721-15	1/10W 4.7k ohm
R565	119-1521-15	1/10W 1.5k ohm
R566	119-1031-15	1/10W 10k ohm
R567	032-0148-50	1/10W 100k ohm D
R568	032-0140-16	1/10W 180k ohm F
R570	119-0000-05	1/10W 0 ohm JW
R571	119-0000-05	1/10W 0 ohm JW
R572	032-0208-51	1/4W 15k ohm
R573	119-2221-15	1/10W 2.2k ohm
R574	119-0000-05	1/10W 0 ohm JW (PP3136TA No use)
R575	116-1531-15	1/4W 15k ohm
R577	119-1031-15	1/10W 10k ohm
R578	119-0000-05	1/10W 0 ohm JW
R579	119-1031-15	1/10W 10k ohm
R580	119-5611-15	1/10W 560 ohm
R581	116-4791-15	1/4W 4.7 ohm
R582	116-4791-15	1/4W 4.7 ohm
R583	119-2231-15	1/10W 22k ohm
R584	119-3321-15	1/10W 3.3k ohm
R587	119-1841-15	1/10W 180k ohm
R588	119-3341-15	1/10W 330k ohm
R591	119-0000-05	1/10W 0 ohm JW
R4001	119-1021-15	1/10W 1k ohm
R4002	119-1021-15	1/10W 1k ohm
SUP102	060-0122-91	DSP-141N-S00B
TC401	004-1580-10	30pF GRN
TH101	002-0229-00	PTH8L05BAIR8M1B
TM101	073-0762-90	TERMINAL
TM502	073-0762-90	TERMINAL
X301	061-3537-90	41.6MHz
X401	061-3567-90	8.000MHz AT-41CD2
PWB	039-3306-00	PWB (WITHOUT COMPONENT)

Switch PWB(B2) section

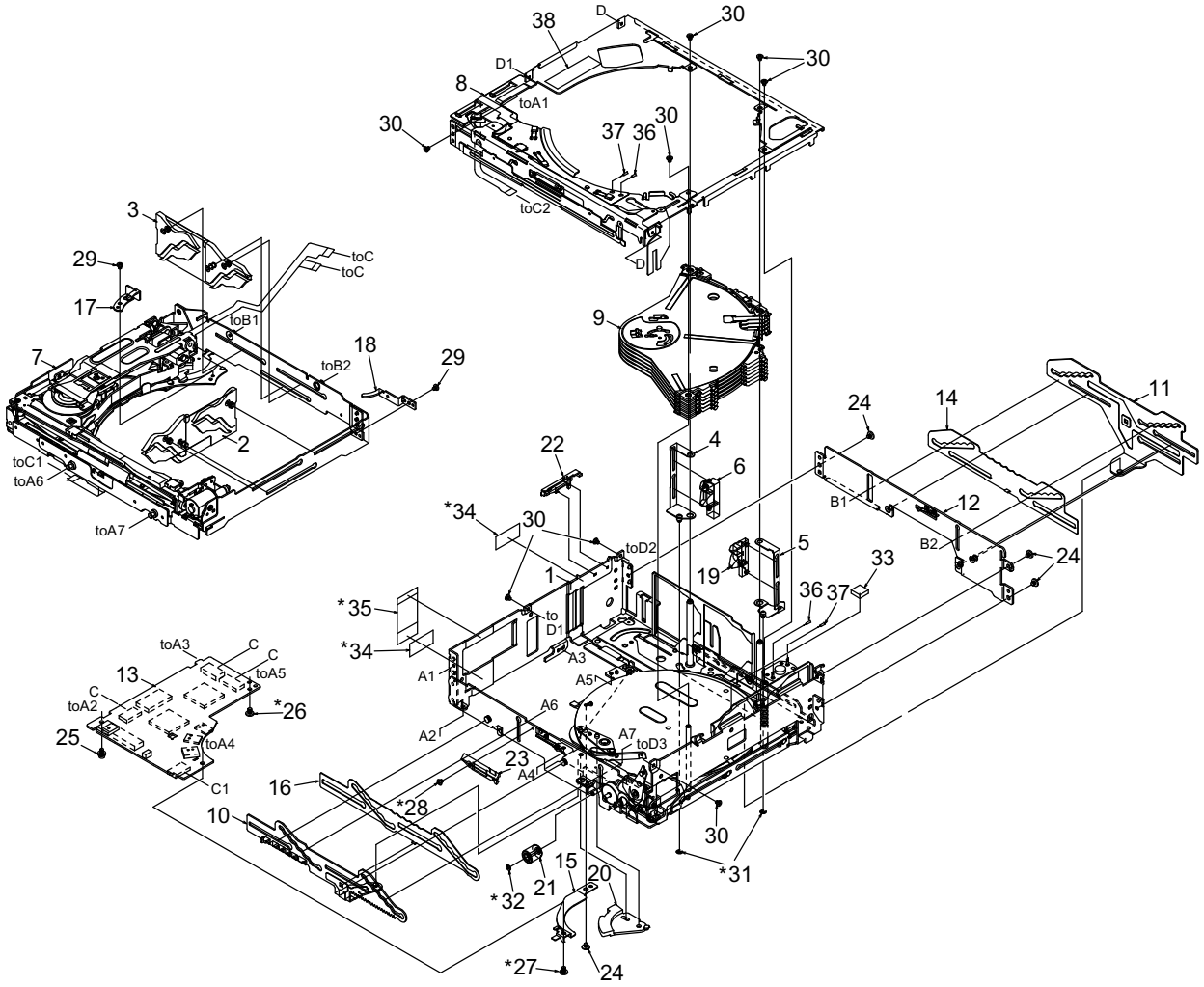
REF No.	PART No.	DESCRIPTION
ANT902	060-8094-50	YMA1250-S100706
C601	043-0554-90	25V 10uF
C602	043-0554-90	25V 10uF
C603	168-1042-78	16V 0.1uF K
C604	043-0554-90	25V 10uF
C605	168-1042-78	16V 0.1uF K
C901	168-1042-78	16V 0.1uF K
C902	166-1011-50	100pF CH
C903	168-1042-78	16V 0.1uF K
C904	166-1011-50	100pF CH
C905	166-1011-50	100pF CH
C906	042-0423-97	16V 10uF
C907	168-1042-78	16V 0.1uF K
C908	168-1042-78	16V 0.1uF K
C909	166-3311-50	330pF CH
D601	001-9210-50	AVR-M1608C270MTAAD
D602	001-9210-50	AVR-M1608C270MTAAD
D603	001-9210-50	AVR-M1608C270MTAAD
D604	001-4320-50	EDZC6.8B
D605	001-7109-90	SML-311DTT86 ORG
D606	001-7109-90	SML-311DTT86 ORG
D607	001-7109-90	SML-311DTT86 ORG
D610	001-7109-90	SML-311DTT86 ORG
D611	001-7109-90	SML-311DTT86 ORG
D612	001-7109-90	SML-311DTT86 ORG
D613	001-7109-90	SML-311DTT86 ORG
D614	001-7109-90	SML-311DTT86 ORG
D615	001-7109-90	SML-311DTT86 ORG
D616	001-7109-90	SML-311DTT86 ORG
D617	001-7109-90	SML-311DTT86 ORG
D618	001-7109-90	SML-311DTT86 ORG
D619	001-7109-90	SML-311DTT86 ORG
D620	001-7109-90	SML-311DTT86 ORG
D621	001-7109-90	SML-311DTT86 ORG
D622	001-7109-90	SML-311DTT86 ORG
D623	001-7109-90	SML-311DTT86 ORG
D624	001-7109-90	SML-311DTT86 ORG
D625	001-7109-90	SML-311DTT86 ORG
D626	001-7109-90	SML-311DTT86 ORG
D627	001-7109-90	SML-311DTT86 ORG
D628	001-7109-90	SML-311DTT86 ORG
D629	001-7109-90	SML-311DTT86 ORG
D630	001-7109-90	SML-311DTT86 ORG
D631	001-7109-90	SML-311DTT86 ORG
D632	001-7109-90	SML-311DTT86 ORG
D633	001-7109-90	SML-311DTT86 ORG
D634	001-7109-90	SML-311DTT86 ORG
D635	001-7109-90	SML-311DTT86 ORG

REF No.	PART No.	DESCRIPTION
D636	001-7109-90	SML-311DTT86 ORG
D637	001-7109-90	SML-311DTT86 ORG
D638	001-7109-90	SML-311DTT86 ORG
D639	001-7109-90	SML-311DTT86 ORG
D640	001-7109-90	SML-311DTT86 ORG
D641	001-7109-90	SML-311DTT86 ORG
D642	001-7109-90	SML-311DTT86 ORG
D643	001-7109-90	SML-311DTT86 ORG
D644	001-7109-90	SML-311DTT86 ORG
D645	001-7109-90	SML-311DTT86 ORG
D656	001-7109-90	SML-311DTT86 ORG
D662	001-9210-50	AVR-M1608C270MTAAD
D663	001-9210-50	AVR-M1608C270MTAAD
D664	001-9210-50	AVR-M1608C270MTAAD
D665	001-9210-50	AVR-M1608C270MTAAD
D666	001-9210-50	AVR-M1608C270MTAAD
D667	001-9210-50	AVR-M1608C270MTAAD
D668	001-9210-50	AVR-M1608C270MTAAD
D669	001-9210-50	AVR-M1608C270MTAAD
IC601	051-6057-00	ML9090A-01GA
IC901	060-8095-91	UGZZ5-616B
J601	074-3033-26	26P
J602	075-0395-01	JACK
J901	074-3033-16	SOCKET(16P)
L901	010-3104-54	600 ohm/100MHz
L902	010-3104-54	600 ohm/100MHz
L903	010-3104-54	600 ohm/100MHz
L904	010-3104-54	600 ohm/100MHz
L906	010-3104-54	600 ohm/100MHz
L907	010-3104-54	600 ohm/100MHz
L909	010-3104-54	600 ohm/100MHz
L910	010-3104-54	600 ohm/100MHz
L911	010-3104-54	600 ohm/100MHz
L912	010-3104-54	600 ohm/100MHz
LCD601	379-1419-50	INDICATOR(LCD)
Q601	190-1162-00	2SA1162
Q602	192-2712-51	2SC2712 G,L
R601	032-0140-00	1/10W 56k ohm F
R602	119-4731-15	1/10W 47k ohm
R604	032-0140-53	1/10W 2.2k ohm F
R605	032-0140-53	1/10W 2.2k ohm F
R606	116-1821-15	1/4W 1.8k ohm
R607	119-4731-15	1/10W 47k ohm

REF No.	PART No.	DESCRIPTION
R608	116-2221-15	1/4W 2.2k ohm
R609	116-2721-15	1/4W 2.7k ohm
R610	116-6811-15	1/4W 680 ohm
R611	116-2221-15	1/4W 2.2k ohm
R612	116-2221-15	1/4W 2.2k ohm
R613	116-2221-15	1/4W 2.2k ohm
R614	116-2221-15	1/4W 2.2k ohm
R615	116-1021-15	1/4W 1k ohm
R616	116-2221-15	1/4W 2.2k ohm
R617	116-1021-15	1/4W 1k ohm
R618	116-2221-15	1/4W 2.2k ohm
R619	116-1021-15	1/4W 1k ohm
R620	116-2221-15	1/4W 2.2k ohm
R621	116-1021-15	1/4W 1k ohm
R622	116-1821-15	1/4W 1.8k ohm
R623	116-1021-15	1/4W 1k ohm
R624	116-1821-15	1/4W 1.8k ohm
R625	116-1021-15	1/4W 1k ohm
R626	116-1821-15	1/4W 1.8k ohm
R627	116-2221-15	1/4W 2.2k ohm
R628	116-2721-15	1/4W 2.7k ohm
R629	116-2221-15	1/4W 2.2k ohm
R630	116-2221-15	1/4W 2.2k ohm
R631	116-2221-15	1/4W 2.2k ohm
R632	116-2221-15	1/4W 2.2k ohm
R633	116-2221-15	1/4W 2.2k ohm
R634	116-2221-15	1/4W 2.2k ohm
R635	119-0000-05	1/10W 0 ohm JW
R636	116-2221-15	1/4W 2.2k ohm
R638	119-0000-05	1/10W 0 ohm JW
R640	119-2221-15	1/10W 2.2k ohm
R901	119-0000-05	1/10W 0 ohm JW
R902	119-0000-05	1/10W 0 ohm JW
R905	119-2711-15	1/10W 270 ohm
R909	119-1031-15	1/10W 10k ohm
R914	119-5631-15	1/10W 56k ohm
R916	119-1031-15	1/10W 10k ohm
R917	119-2711-15	1/10W 270 ohm
R918	119-1011-15	1/10W 100 ohm
R919	119-1011-15	1/10W 100 ohm
S601	016-7004-00	ROTARY SWITCH
S602	013-6201-53	SKPMAPE010
S603	013-6202-52	SKPMBJE010
S604	013-6202-52	SKPMBJE010
S605	013-6202-52	SKPMBJE010
S606	013-6202-52	SKPMBJE010
TM601	073-0778-90	TERMINAL
PWB	039-3307-00	PWB (WITHOUT COMPONENT)

EXPLODED VIEW/PARTS LIST

Main section

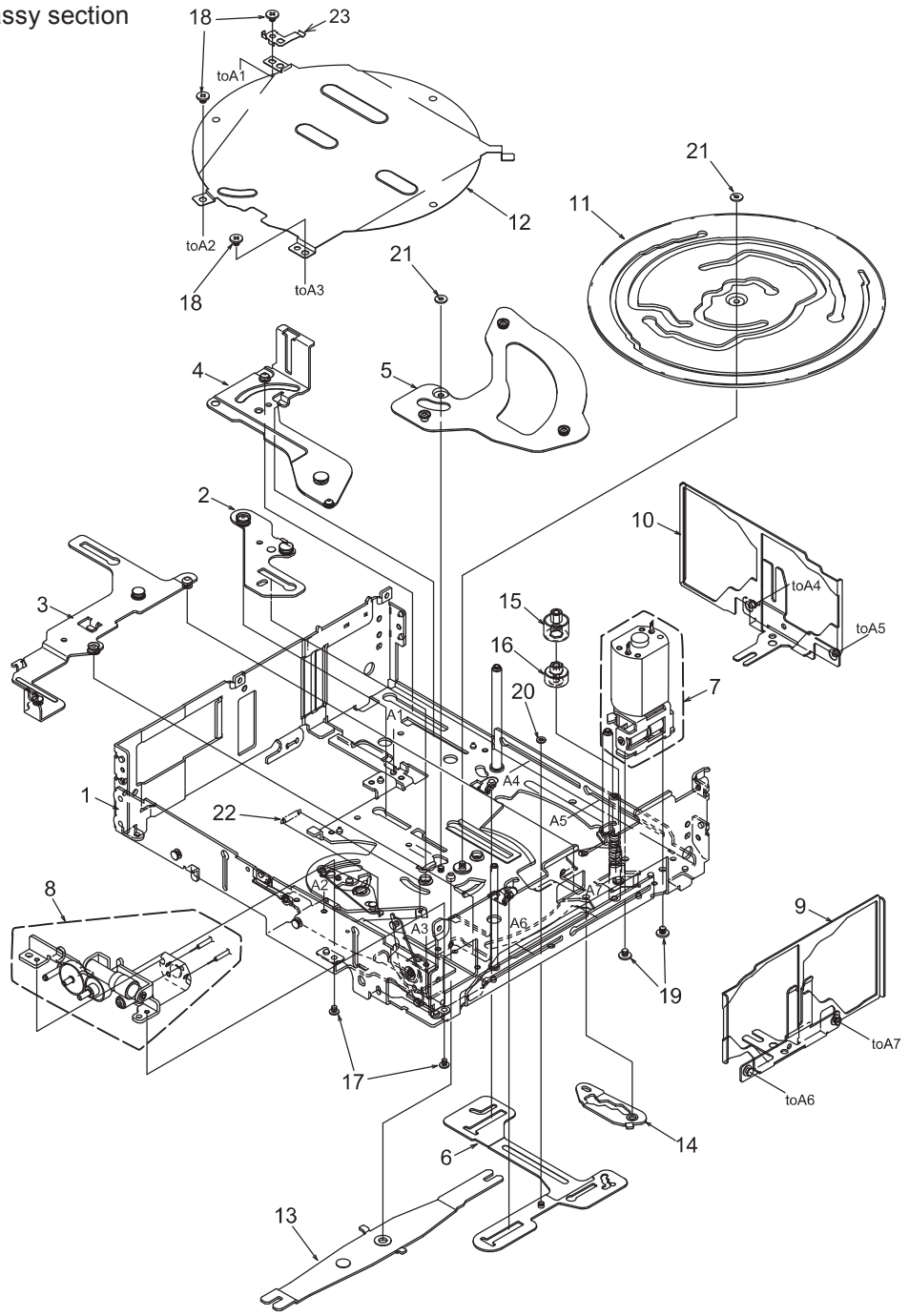


* Do not reuse the following parts.
(No.26,27,28,32,31,34,35)

NO.	PART NO.	DESCRIPTION	Q'TY
1	----------	LOWER UNIT ASSY	1
2	HBS-617-100	KUSABI-ASSY-S	1
3	HBS-618-100	KUSABI-ASSY-R	1
4	966-1846-20	DS-SP-ASSY L	1
5	966-1847-21	DS-SP ASSY R	1
6	966-1898-21	DISC STP-ASSY L	1
7	966-1899-20	DRIVE-CH UNIT	1
8	966-1840-23	UPPER UNIT ASSY	1
9	HBS-602-100	DISCHOLDER UNIT	1
10	966-1771-21	SLIDE-P-ASSY	1
11	966-1814-21	SLIDE-P-ASSY-R	1
12	966-1874-20	REAR-P-ASSY R	1
13	HBS-658-100	CD PWB ASSY	1
14	620-1662-21	GAP PLATE R	1
15	620-1640-20	SW-H-PLATE	1
16	620-1778-21	GAP PLATE F	1
17	620-1685-21	DS-PLATE L	1
18	620-1686-20	DS-PLATE R	1
19	621-1819-20	DISC STOPPER R	1

NO.	PART NO.	DESCRIPTION	Q'TY
20	621-1812-20	SW LINK	1
21	621-1765-20	UD-GEAR-D	1
22	621-1715-20	FPC-STOPPER	1
23	621-1763-20	LOADING GUIDE B	1
24	716-1850-01	SCREW(M2.0x2)	4
25	716-3598-00	SCREW(M2.0x4)	1
26	716-3599-00	SCREW(M2.0x2 sealock)	1
27	716-3600-00	SCREW(M2.0x3 sealock)	1
28	716-3601-00	SCREW(M1.7x2 sealock)	1
29	716-3450-00	SCREW(M1.7x2.0)	2
30	716-3451-01	SCREW(M1.7x2.5)	8
31	744-0045-01	C-RING	2
32	746-0761-00	WASHER	1
33	345-5824-00	RUBBER PART	1
34	347-8230-00	PROTECT SHEET	2
35	347-8219-00	FPC-SHEET N	1
36	800-4921-60	VINYL-COAT-WIRE	1
37	802-4921-60	VINYL-COAT-WIRE	1
38	293-8575-00	MECH LABEL	1

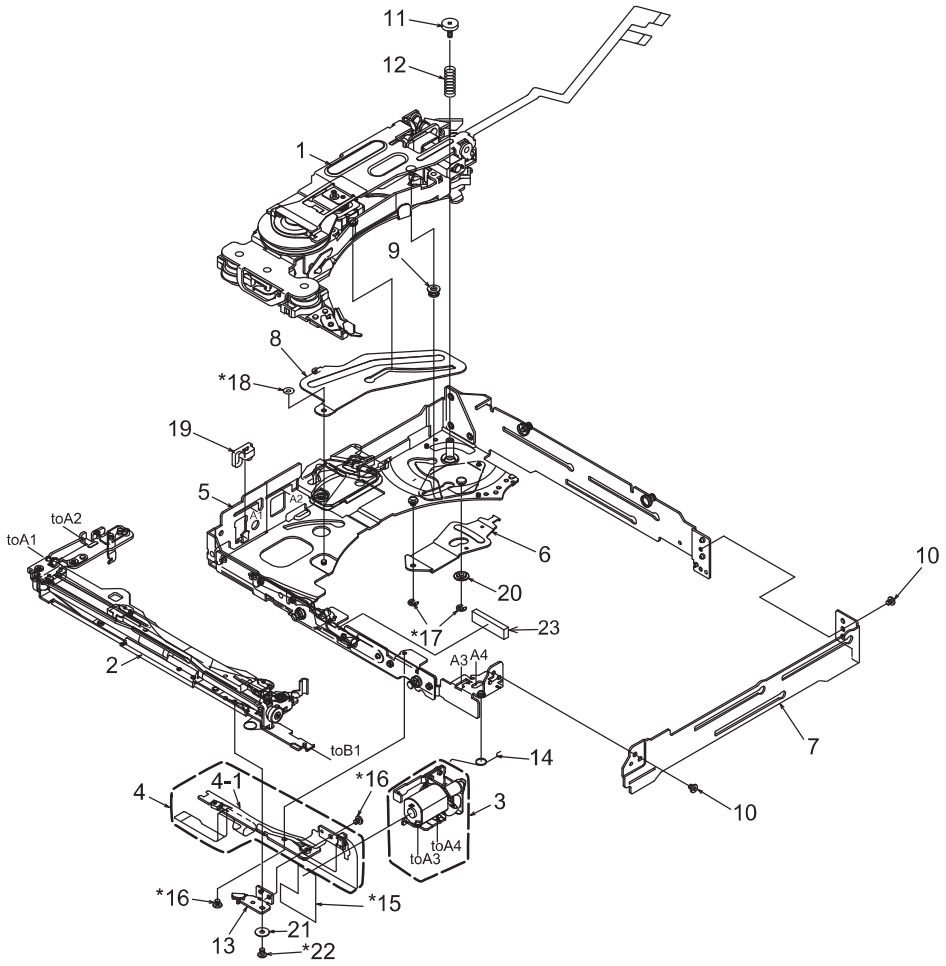
Lower unit assy section



NO.	PART NO.	DESCRIPTION	Q'TY
1	966-1834-24	LOWER-C-ASSY	1
2	966-0658-22	DH-SP-ASSY	1
3	966-1836-22	TATSU-P-ASSY	1
4	966-1832-20	D-SHT PL-B-ASSY	1
5	966-0659-22	DH-SP-ASSY B	1
6	966-1835-24	DS-SP-ASSY	1
7	HBS-622-100	M-MTR SUB ASSY	1
8	HBS-616-100	UD-MOTOR-ASSY	1
9	966-1872-20	INITIAL ASSY S	1
10	966-1873-20	INITIAL ASSY R	1
11	620-1623-24	CAM GEAR	1
12	620-1624-24	GEAR COVER	1

NO.	PART NO.	DESCRIPTION	Q'TY
13	620-1848-21	UD LINK	1
14	620-1869-20	DS-SHIFT LINK	1
15	621-1811-21	M-GEAR B	1
16	621-0733-20	M-GEAR C	1
17	716-3451-01	SCREW(M1.7x2.5)	2
18	716-1850-01	SCREW(M2.0x2.0)	3
19	716-1851-03	SCREW(M2.0x3.0)	2
20	746-0870-00	WASHER	1
21	746-0768-00	WASHER	2
22	750-6756-21	SW-L-SPRING	1
23	620-1873-20	RATTLE PLATE	1

Drive-CH unit section

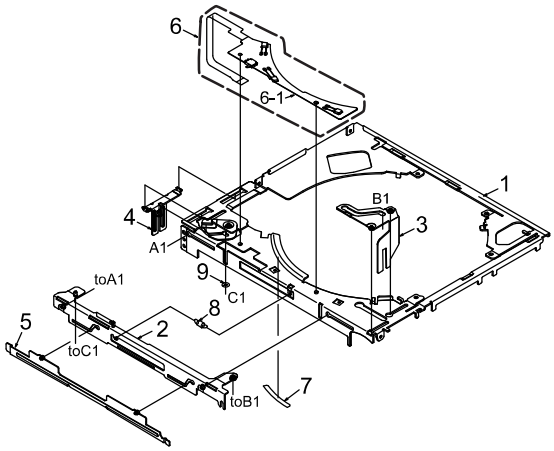


* Do not reuse the following parts.
(No.15,16,17,18,22)

NO.	PART NO.	DESCRIPTION	Q'TY
1	HBS-656-100	N-DRIVE UNIT	1
2	HBS-612-100	LOADING-U-ASSY	1
3	HBS-615-100	LO-MOTOR-S-ASSY	1
4	HBS-614-100	L-SEN-FPC-ASSY	1
4-1	----------	SENSOR-L-FPC	1
5	966-1828-22	DRIVE-CH A-ASSY	1
6	620-1838-21	D-SHIFT LINK A	1
7	620-1837-20	DRIVE CHASSIS B	1
8	620-1836-20	DR-SUPPORT-PL	1
9	622-1743-21	D-SHIFT ROLLERB	1
10	716-3450-00	SCREW(M1.7x2)	2
11	716-3603-00	SCREW(M1.7x5)	1

NO.	PART NO.	DESCRIPTION	Q'TY
12	750-6852-20	DRIVE SPRING A	1
13	620-1831-21	S-PWB PLATE	1
14	750-6754-20	LO-ES-SPRING B	1
15	345-5424-01	SEN-FPC GUIDE	1
16	716-3601-00	SCREW(M1.7x2 sealock)	2
17	743-1500-1B	E-RING	2
18	746-0870-00	WASHER	1
19	621-1807-00	RUBBER PART	1
20	622-1850-20	D-SHIFT ROLLERE	1
21	347-8392-00	FPC WASHER	1
22	716-3451-02	SCREW(M1.7x2.5 sealock)	1
23	345-5868-01	RUBBER PART	1

Upper unit assy section



* Do not reuse the following parts.
(No.6,7,9)

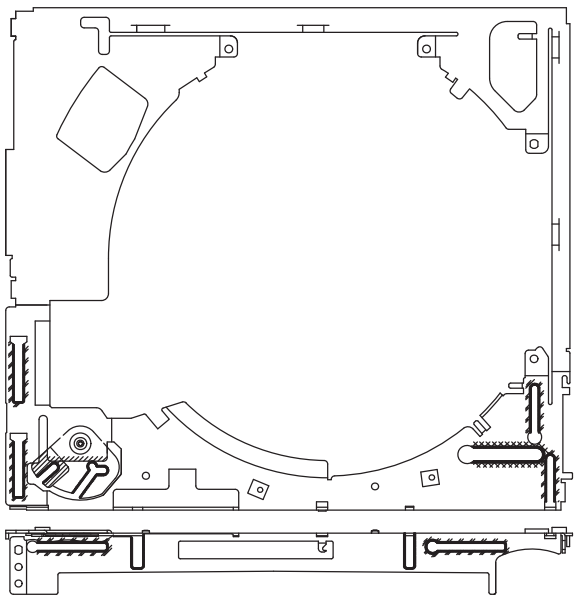
NO.	PART NO.	DESCRIPTION	Q'TY
1	966-1823-21	UPPER-CHA-ASSY	1
2	966-1824-20	LO-SHIFT A ASSY	1
3	966-1791-20	LO-SHIFT B ASSY	1
4	966-1825-20	LO-SHIFT C ASSY	1
5	966-1826-20	SHUTTER ASSY	1
6	HBS-613-100	U-SEN-FPC-ASSY	1
6-1	----------	SENSOR-U-FPC	1
7	347-8216-00	RATTLE SHEET	1
8	750-6850-21	SHUTTER SPRING	1
9	746-0870-00	WASHER	1

[Grease Point]

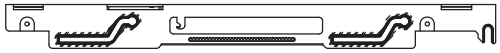
* Grease : SANKOL FG-87HSR

Put grease on the surface	
Put grease on the reverse side	
Put grease on the both sides	
Put grease on the edge	

①



②



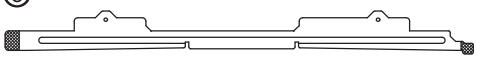
③



④



⑤



ELECTRICAL PARTS LIST

CD PWB(BM1) section

* The parts of the same reference number are alternative

REF No.	PART No.	DESCRIPTION
C1	168-1052-78	16V 1uF K
C3	168-1042-78	16V 0.1uF K
C4	043-0559-90	6.3V 22uF
C5	168-1032-55	0.01uF K
C6	042-1702-90	6.3V 100uF
C7	168-1052-78	16V 1uF K
C9	168-1052-78	16V 1uF K
C11	168-1052-78	16V 1uF K
C12	042-0671-01	10V 47uF TA
C13	168-1052-78	16V 1uF K
C14	168-1042-78	16V 0.1uF K
C15	168-1052-78	16V 1uF K
C16	043-0559-90	6.3V 22uF
C17	168-1032-55	0.01uF K
C18	168-1052-78	16V 1uF K
C19	043-0559-90	6.3V 22uF
C20	168-1042-78	16V 0.1uF K
C21	168-1032-55	0.01uF K
C23	043-0559-90	6.3V 22uF
C24	043-0559-90	6.3V 22uF
C25	168-4732-78	0.047uF K
C26	166-4711-50	470pF CH
C28	168-4732-78	0.047uF K
C29	166-4711-50	470pF CH
C30	166-1007-50	10pF CH
C31	166-1007-50	10pF CH
C32	168-1042-78	16V 0.1uF K
C33	168-2222-55	2200pF K
C34	168-1042-78	16V 0.1uF K
C35	168-1042-78	16V 0.1uF K
C36	168-1042-78	16V 0.1uF K
C37	168-6822-55	6800pF K
C39	168-1042-78	16V 0.1uF K
C40	168-3332-78	0.033uF K
C41	168-1042-78	16V 0.1uF K
C42	168-1042-78	16V 0.1uF K
C43	168-1042-78	16V 0.1uF K
C45	168-1042-78	16V 0.1uF K
C46	168-1042-78	16V 0.1uF K
C48	168-1042-78	16V 0.1uF K
C49	168-1042-78	16V 0.1uF K
C50	168-1042-78	16V 0.1uF K
C51	168-1042-78	16V 0.1uF K
C52	168-5622-55	5600pF K
C53	168-1042-78	16V 0.1uF K
C54	166-6801-50	68pF CH
C55	168-1532-55	0.015uF K
C56	168-1042-78	16V 0.1uF K
C57	168-1032-55	0.01uF K
C58	168-1042-78	16V 0.1uF K
C59	168-1042-78	16V 0.1uF K
C60	168-1522-55	1500pF K
C61	168-3322-55	3300pF K
C62	168-1032-55	0.01uF K
C64	168-1042-78	16V 0.1uF K
C65	168-1032-55	0.01uF K
C67	168-1032-55	0.01uF K
C69	168-1532-55	0.015uF K
C70	166-4701-50	47pF CH
C71	168-1042-78	16V 0.1uF K
C72	168-1042-78	16V 0.1uF K
C74	166-6097-50	6pF CH
C75	168-1042-78	16V 0.1uF K
C76	168-5622-55	5600pF K
C77	168-1032-55	0.01uF K
C79	166-1501-50	15pF CH
C80	166-1501-50	15pF CH
C81	168-3332-78	0.033uF K
C101	043-0563-90	16V 47uF
CCT1	050-0145-59	1/16W 22 ohm x4
CCT2	050-0145-54	1/16W 47k ohm x4
CCT3	050-0145-54	1/16W 47k ohm x4
CCT4	050-0145-55	1/16W 10k ohm x4
CCT5	050-0140-55	1/32W 2.2k ohmx4J
D1	001-4301-14	HZU 3.0B1
D1	001-0529-14	MA8030-L
D2	001-0367-91	1SS226
D3	001-4301-13	HZU 2.7B2
D3	001-0529-13	MA8027H-TX
D4	001-4301-18	HZU 3.6B1
D4	001-0529-18	MA8036-L
D5	001-2612-90	RB520S-30
D6	001-2612-90	RB520S-30
D7	001-9210-50	AVR-M1608C270MTAAD
D8	001-9210-50	AVR-M1608C270MTAAD
IC2	052-5071-32	TMP91CY22IFG-7BH6
IC3	051-6733-30	TC94A70FG-010
IC4	051-6060-08	BD7961FM-E2
IC5	051-5445-08	BD5227G-TR
IC8	051-9402-78	BR93L56RFVM-W
IC9	051-6072-08	BD7931FE2
IC10	051-5833-00	GP1S093HCZ
IC11	051-3392-90	S-1323B15NB-N8ATFG
J1	074-1237-69	19P
J2	074-1201-65	15P
J3	074-1138-56	6P
J4	074-1100-61	11P
J5	074-1201-61	11P
Q1	060-0252-01	PT4850F
Q2	125-0021-91	DTA114EUA
Q3	198-3018-00	2SK3018
Q4	190-2060-00	2SA2060
Q8	190-2060-00	2SA2060
Q9	125-9026-90	IMF29
Q10	125-2027-91	DTC114EUA
Q11	125-0021-91	DTA114EUA
Q12	125-2027-91	DTC114EUA
Q13	125-9026-90	IMF29
R1	119-6811-15	1/10W 680 ohm
R2	119-6811-15	1/10W 680 ohm
R3	032-0163-91	1/2W 10 ohm
R4	032-0163-91	1/2W 10 ohm
R5	119-2231-15	1/10W 22k ohm
R6	116-1001-15	1/4W 10 ohm
R7	119-1021-15	1/10W 1k ohm
R8	116-1591-15	1/4W 1.5 ohm
R9	119-2231-15	1/10W 22k ohm
R10	119-4711-15	1/10W 470 ohm
R11	119-2211-15	1/10W 220 ohm
R12	119-6811-15	1/10W 680 ohm
R13	119-1011-15	1/10W 100 ohm
R14	119-2231-15	1/10W 22k ohm
R15	119-8231-15	1/10W 82k ohm
R16	119-1041-15	1/10W 100k ohm
R17	119-1041-15	1/10W 100k ohm
R18	119-1041-15	1/10W 100k ohm
R19	119-1041-15	1/10W 100k ohm
R20	119-1041-15	1/10W 100k ohm
R21	119-2221-15	1/10W 2.2k ohm
R22	119-4711-15	1/10W 470 ohm
R23	119-1051-15	1/10W 1M ohm
R24	119-2211-15	1/10W 220 ohm
R25	119-2211-15	1/10W 220 ohm
R26	119-1041-15	1/10W 100k ohm
R28	119-1041-15	1/10W 100k ohm
R29	119-1041-15	1/10W 100k ohm
R30	119-4701-15	1/10W 47 ohm
R31	119-2201-15	1/10W 22 ohm
R33	119-2211-15	1/10W 220 ohm
R35	119-1051-15	1/10W 1M ohm
R36	119-4721-15	1/10W 4.7k ohm
R37	119-4731-15	1/10W 47k ohm
R38	119-2231-15	1/10W 22k ohm
R39	119-1041-15	1/10W 100k ohm
R40	119-4721-15	1/10W 4.7k ohm
R41	119-4731-15	1/10W 47k ohm
R43	119-4731-15	1/10W 47k ohm
R44	119-2201-15	1/10W 22 ohm
R45	119-1511-15	1/10W 150 ohm
R46	119-4721-15	1/10W 4.7k ohm
R48	119-1041-15	1/10W 100k ohm
R49	119-0000-05	1/10W 0 ohm JW
R50	119-2211-15	1/10W 220 ohm
R51	119-0000-05	1/10W 0 ohm JW
R52	119-1041-15	1/10W 100k ohm
R53	119-5621-15	1/10W 5.6k ohm
R55	119-3341-15	1/10W 330k ohm
R56	119-4731-15	1/10W 47k ohm
R57	119-2231-15	1/10W 22k ohm
R58	119-0000-05	1/10W 0 ohm JW
R59	119-1511-15	1/10W 150 ohm
R60	119-4731-15	1/10W 47k ohm
R61	119-1041-15	1/10W 100k ohm
R62	119-1041-15	1/10W 100k ohm
R63	119-1041-15	1/10W 100k ohm
R64	119-1011-15	1/10W 100 ohm
R65	119-1041-15	1/10W 100k ohm
R66	117-5611-15	1/8W 560 ohm
R67	117-7511-15	1/8W 750 ohm
R68	117-7511-15	1/8W 750 ohm
R69	119-1041-15	1/10W 100k ohm
R81	116-1591-15	1/4W 1.5 ohm
R201	119-0000-05	1/10W 0 ohm JW
R212	119-1041-15	1/10W 100k ohm
S1	013-7416-50	SPVL110200
S2	013-7416-50	SPVL110200
S3	013-7412-50	SPVG21
S4	013-7415-50	SPVG110400
X1	061-3534-90	16.92MHz
X3	060-1545-90	20MHz
PWB	039-3026-20	PWB(WITHOUT COMPONENT)

Sensor-L-PFC(BM2) section

REF No.	PART No.	DESCRIPTION
PT1	060-0252-01	PT14850F
PT2	060-0252-01	PT14850F
PT3	051-5833-00	GP1S093HCZ
PWB	039-3003-20	PWB(WITHOUT COMPONENTS)

Sensor-U-PFC(BM3) section

REF No.	PART No.	DESCRIPTION
LED1	001-7077-00	GL4804
LED2	001-7042-00	GL4800
LED3	001-7042-00	GL4800
S5	013-7417-50	ABC1122P161
PWB	039-3004-20	PWB(WITHOUT COMPONENTS)